Message

**From**: Smith, DavidW [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=911849B6D8DB4194AC6D4B69051E3B74-DSMITH06]
**Sent**: 3/13/2019 4:09:22 PM
**To**: Purdy, Renee@Waterboards [Renee.Purdy@waterboards.ca.gov]
**Subject**: RE: Wanted you to get an early look at 3 interrelated, potentially useful, potential challenging EPA initiatives and ask for your guidance

Thanks Renee- I know you've been slammed. I will not be at the ACWA meeting; will be going the Water Reuse CA meeting in OC instead. Perhaps we could find some time Friday or later next week to chat? I am beginning to really hone in on the need to talk with state permitting agencies about how to address permitting (and TMDLs, for that matter) in ways that facilitate (or at least do not impede) multiple-objective water management approaches, innovative technology, and innovative finance. I think we could pull off one or more trainings but I'd like the State's involvement and support in developing. I also think we need a convening of CA RBs and SB to talk about the various approaches being used to do MS4 permitting to see if there are shared lessons learned/new directions that others might want to emulate. Lots to discuss. Thx- LMK when you might be able to free up some time. Thanks
Dave

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**From:** Purdy, Renee@Waterboards <Renee.Purdy@waterboards.ca.gov>
**Sent:** Wednesday, March 13, 2019 8:16 AM
**To:** Smith, DavidW <Smith.DavidW@epa.gov>
**Subject:** RE: Wanted you to get an early look at 3 interrelated, potentially useful, potential challenging EPA initiatives and ask for your guidance

Dave,

I am sorry I have not had a chance to give you a call recently. It's been a busy 6 months to say the least. I do very much want to engage in discussions about water reuse, recycling, capture… particularly how we facilitate use of multiple sources of water from a regulatory standpoint.

Any chance you will be at the ACWA Mid-Year Meeting next week? If so, we could catch up then.

Renee

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**From:** Smith, DavidW <Smith.DavidW@epa.gov>
**Sent:** Thursday, February 07, 2019 3:12 PM
**To:** Purdy, Renee@Waterboards <Renee.Purdy@waterboards.ca.gov>; Mumley, Thomas@Waterboards <Thomas.Mumley@waterboards.ca.gov>; Polhemus, Darrin@Waterboards <Darrin.Polhemus@waterboards.ca.gov>; Kihara, Annalisa@Waterboards <Annalisa.Kihara@waterboards.ca.gov>
**Subject:** Wanted you to get an early look at 3 interrelated, potentially useful, potential challenging EPA initiatives and ask for your guidance

Greetings! Have your attention? I know you are all super busy, but I wanted to show you EPA's just released revised water quality trading policy, associated effort to "do more" on nutrient control, and forthcoming water reuse action plan framework. We will be reaching out to our state partners (and a host of others) very soon to ask your views on what EPA and others in the Federal family can/should do to:
- promote use of trading and market based approaches to pollution control and environmental service provision,
- promote water reuse, recycling, capture, and resource recovery (please do not share this framework document with others as it's still draft)
- promote less regulatory approaches to nutrient control.

We don't have to talk about all of this with each of you, but I know you will each have valuable perspectives we need to hear to help guide our efforts and best address the State's interests. Please let me know if you are interested in discussing and how we might best arrange that. Our AA for Water David Ross and some other senior HQ people are attending a water reuse meeting in SF on 2/27 https://igel.wharton.upenn.edu/event/the-resource-revolution-of-water-reuse/ and I am setting up some small meetings around that meeting. Do any of you plan to attend this meeting? If so perhaps we could arrange to talk then. If not, another time then.

I look forward to hearing back from you on this.
Thanks
Dave

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**From:** Wall, Tom
**Sent:** Thursday, February 7, 2019 8:02 AM
**To:** Thompkins, Anita <Thompkins.Anita@epa.gov>; Foreman, Katherine <Foreman.Katherine@epa.gov>; Wirth, Karen <Wirth.Karen@epa.gov>; Bergman, Ronald <Bergman.Ronald@epa.gov>; Rea, Anne <Rea.Anne@epa.gov>; Behl, Betsy <Behl.Betsy@epa.gov>; Buffo, Corey <Buffo.Corey@epa.gov>; Thomas, Dana <Thomas.Dana@epa.gov>; Anderson, Danielle <Anderson.Danielle@epa.gov>; Nagle, Deborah <Nagle.Deborah@epa.gov>; Leutner, Fred <Leutner.Fred@epa.gov>; Davis, Ifeyinwa <Davis.Ifeyinwa@epa.gov>; Oliver, Jacques <Oliver.Jacques@epa.gov>; Yuan, Lester <Yuan.Lester@epa.gov>; Larimer, Lisa <Larimer.Lisa@epa.gov>; Reiley, Mary <Reiley.Mary@epa.gov>; Hisel-Mccoy, Sara <Hisel-McCoy.Sara@epa.gov>; Wildeman, Anna <wildeman.anna@epa.gov>; McDonough, Owen <mcdonough.owen@epa.gov>; Allen, Catherine <Allen.Catherine@epa.gov>; Stephan, Danielle <Stephan.Danielle@epa.gov>; Molloy, Jennifer <molloy.jennifer@epa.gov>; Tarquinio, Ellen <Tarquinio.Ellen@epa.gov>; Zobrist, Marcus <Zobrist.Marcus@epa.gov>; Bathersfield, Nizanna <Bathersfield.Nizanna@epa.gov>; Zahreddine, Phil <Zahreddine.Phil@epa.gov>; Gutierrez, Sally <Gutierrez.Sally@epa.gov>; Klinger, Adam <Klinger.Adam@epa.gov>; Smith, Bernicel <Smith.Bernicel@epa.gov>; Benson, Robert <Benson.Robert@epa.gov>; Peterson, Carol <Peterson.Carol@epa.gov>; Klos, Caroline <Klos.caroline@epa.gov>; Lewicki, Chris <Lewicki.Chris@epa.gov>; Yusuf, Istanbul <Yusuf.Istanbul@epa.gov>; Havard, James <Havard.James@epa.gov>; Monschein, Eric <Monschein.Eric@epa.gov>; Hall, Lynda <Hall.Lynda@epa.gov>; Flahive, Katie <Flahive.Katie@epa.gov>; Conde, Rosaura <Conde.Rosaura@epa.gov>; Holdsworth, Susan <Holdsworth.Susan@epa.gov>; Weitzler, Ellen <Weitzler.Ellen@epa.gov>; Voorhees, Jeanne <voorhees.jeanne@epa.gov>; Hunter, Johanna <Hunter.Johanna@epa.gov>; Moraff, Kenneth <Moraff.Ken@epa.gov>; Hamjian, Lynne <Hamjian.Lynne@epa.gov>; Cote, Mel <Cote.Mel@epa.gov>; Abele, Ralph <abele.ralph@epa.gov>; Connors, Sandra <Connors.Sandra@epa.gov>; Stover, Toby <Stover.Toby@epa.gov>; Nyman, Robert <Nyman.Robert@epa.gov>; Chow, James <chow.james@epa.gov>; Gratz, Jeff <Gratz.Jeff@epa.gov>; Balla, Richard <Balla.Richard@epa.gov>; MacKnight, Evelyn <MacKnight.Evelyn@epa.gov>; Harper, Cecelia <Harper.Cecelia@epa.gov>; Zapata, Cesar <Zapata.Cesar@epa.gov>; Hesterlee, Craig <Hesterlee.Craig@epa.gov>; Scheidt, Dan <Scheidt.Dan@epa.gov>; Baker, Frank <Baker.Frank@epa.gov>; Danois, Gracy R. <Danois.Gracy@epa.gov>; Purify, Johnnie <Purify.Johnnie@epa.gov>; Petter, Lauren <Petter.Lauren@epa.gov>; Mayo, Lydia <Mayo.Lydia@epa.gov>; Balasa, Kate <balasa.kate@epa.gov>; Holst, Linda <holst.linda@epa.gov>; Swenson, Peter <swenson.peter@epa.gov>; Maguire, Charles <maguire.charles@epa.gov>; Hosch, Claudia <hosch.claudia@epa.gov>; John, Forrest <john.forrest@epa.gov>; Nelson, Russell <nelson.russell@epa.gov>; Robichaud, Jeffery <Robichaud.Jeffery@epa.gov>; Tate, Michael <tate.michael@epa.gov>; Tien, Alysia <Tien.Alysia@epa.gov>; Schmit, Ayn <Schmit.Ayn@epa.gov>; Rathbone, Colleen

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**Subject:** FW: UPDATED URL: Updating the EPA Water Quality Trading Policy to Promote Market-Based Mechanisms for Improving Water Quality

Note revised URL:

Tom Wall, Director
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202/564-4179

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**From:** Penman, Crystal **On Behalf Of** Ross, David P
**Sent:** Thursday, February 07, 2019 9:03 AM
**To:** Szaro, Deb <Szaro.Deb@epa.gov>; Lopez, Peter <lopez.peter@epa.gov>; Servidio, Cosmo <servidio.cosmo@epa.gov>; Walker, Mary <walker.mary@epa.gov>; Stepp, Cathy <stepp.cathy@epa.gov>; Idsal, Anne <idsal.anne@epa.gov>; Gulliford, Jim <gulliford.jim@epa.gov>; Benevento, Douglas <benevento.douglas@epa.gov>; Stoker, Michael B. <stoker.michael@epa.gov>; Hladick, Christopher <hladick.christopher@epa.gov>
**Cc:** Jones, Doug <jones.doug@epa.gov>; Galloway, Carol <Galloway.Carol@epa.gov>; Heinemann, Kristina <Heinemann.Kristina@epa.gov>; Miller, Amy <Miller.Amy@epa.gov>; Mitschele, Becky <Mitschele.Becky@epa.gov>; Mortensen, Ginah <mortensen.ginah@epa.gov>; Peak, Nicholas <Peak.Nicholas@epa.gov>; Perrin, Rebecca <Perrin.Rebecca@epa.gov>; Rush, Randall <Rush.Randall@epa.gov>; Shenk, Kelly <shenk.kelly@epa.gov>; Gill, Sonam <Gill.Sonam@epa.gov>; Park, Susan <Park.Susan@epa.gov>; Subramanian, Hema <Subramanian.Hema@epa.gov>; Bennett, Tate <Bennett.Tate@epa.gov>; Water Program Contact List - Directors <Water_Program_Contact_List__Directors@epa.gov>; Regional Public Affairs Directors <Regional_Public_Affairs_Directors@epa.gov>; Wildeman, Anna <wildeman.anna@epa.gov>; Winn, G. Dean <winn.gerald@epa.gov>; Winnett, Steven <winnett.steven@epa.gov>; Mills, William T. <mills.williamt@epa.gov>
**Subject:** UPDATED URL: Updating the EPA Water Quality Trading Policy to Promote Market-Based Mechanisms for Improving Water Quality

***Please note that we have updated the URL in the information sent yesterday (see below), which highlights our ongoing work to reduce excess nutrients. This link has also been updated in the attachment listing our next steps in engagement. Please share this with your stakeholders.

Colleagues –

Administrator Wheeler, Acting RA Mary Walker and I will attend a roundtable this afternoon with the Georgia Farm Bureau. As part of this event we will announce the transmittal of a memo from myself to the Regional Administrators that restates EPA's strong support for water quality trading and other market-based programs, aims to accelerate the adoption of these programs by providing guidance to states and stakeholders and promotes increased investment in conservation actions.

Many of you have spoken with Anna Wildeman, Principal Deputy Assistant Administrator for Water, about this effort, and how we can work together to leverage the great work going on, not just at the regional level, but also at the state, tribal and community levels.

I ask that you share this memo with states, tribes and other interested stakeholders, so that we can move forward with this work and get one step closer to achieving our goal of improving water quality throughout the nation. Additionally, we will host a public webinar to describe the opportunities presented in the memo. Information on that event will be provided at https://www.epa.gov/nutrient-policy-data/collaborative-approaches-reducing-excess-nutrients. We look forward to working with your regional point of contact on water quality trading. If you or your staff have any questions, please contact Anna Wildeman directly at wildeman.anna@epa.gov.

Thank you for your continued support of the Office of Water.

Sincerely,
David Ross